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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Justin F. Gaynor  
Assignee: Novellus Systems, Inc.  
Title: In-Situ Treatment Of Low-K Films With A Silylating Agent After Exposure To Oxidizing Environments  
Serial No.: 10/056,926 Filing Date: January 24, 2002  
Examiner: Karla A. Moore Group Art Unit: 1763  
Docket No.: M-12018 US

COMMISSIONER FOR PATENTS  
Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**

Sir:

The above-identified assignee, hereby revokes all powers of attorney previously given and appoints the attorney(s) and/or agent(s) identified below to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:

**Customer No. 32605**

Please address all correspondence and telephone calls regarding this application to:

Tom Chen  
MacPherson Kwok Chen & Heid LLP  
1762 Technology Drive, Suite 226  
San Jose, CA 95110  
Phone: (949) 752-7040  
Fax: (408) 392-9262

**ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(B)**

The undersigned representative of the above-identified assignee certifies that the above-identified assignee is the assignee of the entire right, title and interest in the above-identified

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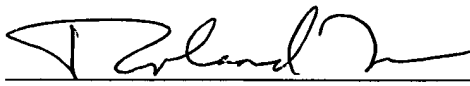
patent application/patent by virtue of a chain of title from the inventor(s) of the above-identified patent application/patent to the above-identified assignee as shown below:

1. From: Justin F. Gaynor To: Novellus Systems, Inc.

A copy of the Assignment document is attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

Date: September 12, 2003

By:   
(Signature)

Name: Roland Tso  
(Printed or Typed Name)

Title: Sr. Counsel

## ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I

Justin F. Gaynor

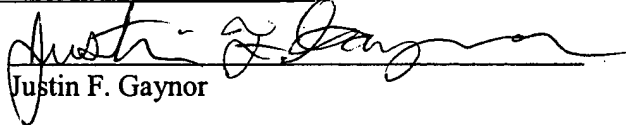
of San Jose, California

hereby sell, assign and transfer to Novellus Systems, Inc. a California corporation, having a place of business at 4000 North First Street, San Jose, California 95134, its successors and assigns, the entire right, title and interest throughout the world in our invention in

**"In-Situ Treatment Of Low-K Films With A Silylating Agent After Exposure To  
Oxidizing Environments"**

for which I have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 12th day of September, 2003.

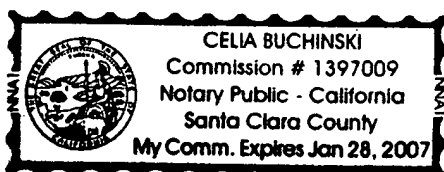
  
Justin F. Gaynor

State of California )  
 ) ss  
County of Santa Clara

On September 12, 2003, before me, Celia Buchinski, personally appeared Justin Gaynor personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

  
Signature of NOTARY



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